

11/26/01
jc960 U.S. PTO
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4,28101

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PTO/SB/05 (12/98)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under CFR 1.53(b))	Attorney Docket No.	SPITEC P01AUS
	First Named Inventor or Appln Identified: William A. MITCHELL	
	Title: SOLID ROTOR SHAFT CONSTRUCTION FOR ALTERNATING CURRENT INDUCTION MOTOR	
	Express Mail Label No.	EL918841456US

jc997 U.S. PTO
09/994104
11/26/01

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent appln. contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 CFR 1.27.)</p> <p>3. <input checked="" type="checkbox"/> Specification (Total Pages) [15] (preferred arrangement set forth below)</p> <ul style="list-style-type: none">• Descriptive title of the invention• Cross References to Related Applications• Statement Regarding Fed sponsored R & D• Reference to Microfiche Appendix• Background of the Invention• Brief Summary of the Invention• Brief Description of the Drawings (if filed)• Detailed Description• Claim(s)• Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawings (35 USC 113) (Total Pages) [5]</p> <p>4a. <input checked="" type="checkbox"/> Submission of Formal Drawings (Total Pages) [1]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration (Total Pages) [3]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)</p> <p>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p>	<p>6. <input type="checkbox"/> Application Data Sheet (see 37 CFR).</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide an/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>
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ACCOMPANYING APPLICATION PARTS
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 9 Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input checked="" type="checkbox"/> Other: Express Mail Certificate</p>



17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No.: /

Prior application information: Examiner _____ Group/Art Unit: _____

For **CONTINUATION OR DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. **CORRESPONDENCE ADDRESS**

<p><input checked="" type="checkbox"/> Customer Number: 020210</p> <p>Name: DAVIS & BUJOLD, P.L.L.C. 500 North Commercial Street - 4th floor Manchester, NH 03101-1151 United States of America</p> <p>Name: Scott A. Daniels</p> <p>Signature: </p>	<p>PATENT & TRADEMARK OFFICE</p> <p></p> <p>020210</p>	<p><input type="checkbox"/> Correspondence address below</p> <p>Telephone: 603/624-9220</p> <p>Telefax: 603/624-9229</p> <p>E-Mail: patent@tiac.net</p> <p>Registration No.: 42,462</p> <p>Date: November 26, 2001</p>
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FEE TRANSMITTAL**for FY 2000-01**

Patent fees are subject to annual revision
Small Entity payments must be supported by a small
entity statement, otherwise large entity fees must be
paid. See Forms PTO/SB/09-12.

Complete if Known

Application No.
Filing Date
First Named Inventor
Group Art Unit
Examiner Name

William A. MITCHELL

TOTAL AMOUNT OF PAYMENT: \$370

Attorney Docket No.

SPITEC P01AUS

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 04-0213

Deposit Account Name: DAVIS & BUJOLD, P.L.L.C.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

FEE CALCULATION**1. FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	\$370
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provision filing fee	
SUBTOTAL (1)					\$370

2. CLAIMS

	Extra	Fee From Below	Fee Paid
Total Claims	16 - 20** =	\$18 (\$9) x	= 0
Ind. Claims	3 - 3 =	\$84 (\$42) x	= 0
Mult.Ind.Claims	=	\$280 (\$140) x	= 0

** or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

\$0

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge-late filing fee/oath	
127	50	227	25	Surcharge-late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for re-examination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Ext.for reply w/in 1 mon	
116	400	216	200	Ext.for reply w/in 2 mon	
117	920	217	460	Ext.for reply w/in 3 mon	
118	1,440	218	720	Ext.for reply w/in 4 mon	
128	1,960	228	980	Ext.for reply w/in 5 mon	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a Brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (for reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petition related to provisional applns.	
126	180	126	180	Submission of Info.Disclo.Stmt.	
581	40	581	40	Recording ea. patent assignment per property (times No.of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For ea.additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$0

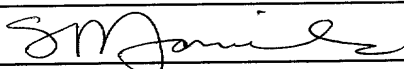
PATENT & TRADEMARK OFFICE

SUBMITTED BY

Scott A. Daniels

Typed or
Printed Name

Signature




020210

Date: November 26, 2001

Completed (if applicable)

Registration
Number

42,462

Deposit Account
User ID

04-0213

11/26/01

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : William A. MITCHELL
Serial no. :
For : SOLID ROTOR SHAFT CONSTRUCTION FOR
ALTERNATING CURRENT INDUCTION MOTOR
Docket : SPITEC P01AUS

The Commissioner of Patents and Trademarks
P. O. Box 2327
Arlington, VA 22202

EXPRESS MAIL CERTIFICATE

"Express Mail" label number: **EL918841456US**

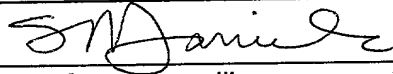
Date of Deposit: 11/26/01

I hereby state that the following attached paper or fee:

Patent Application Transmittal-1 pg.;
Fee Transmittal Ltr (+Dupl)-1 pg.;
Check for \$370;
Specification/Claims/Abstract-15 pgs.;
Submission of Formal Drawings-1 pg.; Drawings (Figs. 1-5)-5 pgs.;
Declaration & Power of Atty-3 pgs.;
Information Disclosure Statement-1pg.;
PTO Form 1449-1 pg.; 9 Citations;
Return Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

Scott A. Daniels



Signature of person mailing paper or fee

NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings, it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

PATENT & TRADEMARK OFFICE



020210

11/26/01

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : William A. MITCHELL
Serial no. :
Filed :
For : SOLID ROTOR SHAFT CONSTRUCTION FOR
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Docket : SPITEC P01AUS

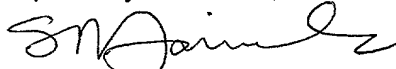
The Commissioner of Patents and Trademarks
Washington, D.C. 20231

SUBMISSION OF FORMAL DRAWINGS

Further to the filing of this application, enclosed please find five (5) sheets of formal drawings which are to be entered in this case.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,



Scott A. Daniels, Reg. No. 42,462

Customer No. 020210

Davis & Bujold, P.L.L.C.

Fourth Floor

500 North Commercial Street

Manchester NH 03101-1151

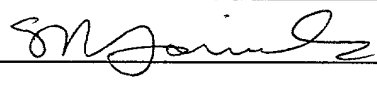
Telephone 603-624-9220

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E-mail: patent@davisandbujold.com

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on November 26, 2001.

By: _____

Print Name: Scott A. Daniels

FOR FILING